

Miniature display - front dimensions 24 x 48 mm

Current, voltage or temperature indication

Supply voltage 12-24 V AC/DC

Galvanic isolation between supply and internal electronics

Made in accordance with the CE and EMC regulations



DMC35 and DMT35 are 3½ digit panel instruments with LED display, and because of the small dimensions they are very suitable in various kinds of control panels. DMC35 is available in several variants for indication of current and voltage, and by means of potentiometers on the side of the instrument, the display range is adjustable, as well as the decimal point.

DMT35 is made for temperature display. It is available in several variants for either Pt100 or thermocouple sensors.

On the DMT-units it is not possible to adjust the display range.

Technical data:

Supply voltage: 12-24 V AC/DC
The supply voltage is galvanically isolated from the internal electronics. (100 V AC)

Power consumption: 1 VA

Operating temp.: -10°C to +50°C

Humidity: 0 - 90% RH, non-condensing

Protection: IP 54

Temp.coefficient: max. 0,01% / °C

Metering ranges: see ordering guide.

Adjustments:

DMC35: separate adjustments of zero and span.

DMT35: no adjustment

Display ranges:

DMC35: -1999 to 1999

(max metering range 1999)

DMT35: Display = actual temp. range

Digit height: 10 mm.

Input impedance: see ordering guide

Accuracy:

DMC35: AC: 0,3% of range +/- 1

DC: 0,1% of range +/- 1

DMT35: Pt100: 0,1% of range +/- 1

Thermocouple: 1% of range +/-1

Dimensions:

according to DIN 43700

L x W x D: 24 x 48 x 95 mm.

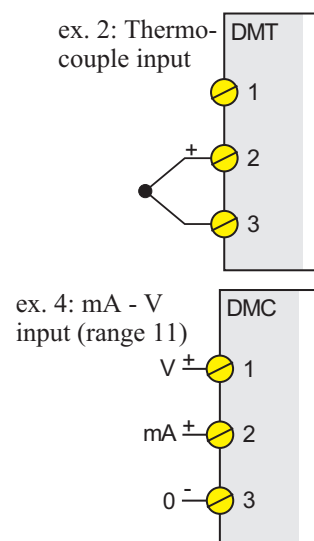
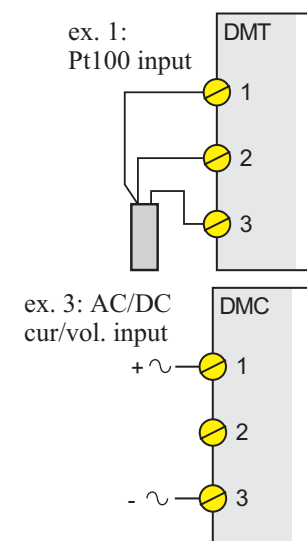
Panel cut-out: 21,5 x 43,5 mm.

Weight: 90 g.

Materials: NORYL, SE1

Connections: screw terminals, max. 1,5 mm.

Connections:



Ordering guide, DMT35:

DMT35-024-a

a = metering range

1 = Pt100 -50,0 - +199,9°C

2 = Pt100 -50 - +800°C

3 = Fe-const. 0 - +1400°C

4 = NiCr-Ni 0 - +1400°C

5 = PtRh-Pt10% 0 - +1800°C

6 = PtRh-Pt13% 0 - +1800°C

Ordering guide, DMC35:

DMC35-024-a

a = metering range

11 = 0/4-20 mA / 0/2-10V I: 50Ω V: 500kΩ *

12 = 0 - 200 mA DC 5 Ω

14 = 0 - 200 mA AC 5 Ω

15 = 0 - 100 V DC 1,1 MΩ

16 = 0 - 100 V AC 100 kΩ

* in range 11 the actual range is selected with an internal switch.

DMC50

DMC50 is supplied with an extra digit, which is constantly 0, i.e. the display range is -19990 to 19990. The digit height is 7 mm. All other data as DMC35.